



Third West Air Monitor Result

Shepherd, Michael

to:

Joyce Ackerman, 'Craig Barnitz (cbarnitz@utah.gov)'

03/15/2012 09:43 AM

Hide Details

From: "Shepherd, Michael" <Michael.Shepherd@PacifiCorp.com>

To: Joyce Ackerman/R8/USEPA/US@EPA, "'Craig Barnitz (cbarnitz@utah.gov)'"
<cbarnitz@utah.gov>

1 Attachment



231462-1.pdf

Joyce & Craig,

We had three positive hits on Friday, March 9, 2012. All were chrysotile, see the attached. We have had very windy and dry conditions, we believe that is the reason for the hits. Please let me know if you have any questions or concerns.

Thanks,

Mike Shepherd
Project Manager
Rocky Mountain Power - Major Projects
801.220.4584 Office
801.631.1310 Cell
801.220.2797 Fax
michael.shepherd@pacificorp.com



March 13, 2012

Laboratory Code: RES
Subcontract Number: NA
Laboratory Report: RES 231462-1
Project # / P.O. #: None Given
Project Description: 3rd West Sub - RMP

David Roskelley
R & R Environmental
47 West 9000 South #2
Sandy UT 84070

Dear Customer,

Reservoirs Environmental, Inc. is an analytical laboratory accredited for the analysis of Industrial Hygiene and Environmental matrices by the National Voluntary Laboratory Accreditation Program (NVLAP), Lab Code 101896-0 for Transmission Electron Microscopy (TEM) and Polarized Light Microscopy (PLM) analysis and the American Industrial Hygiene Association (AIHA), Lab ID 101533 - Accreditation Certificate #480 for Phase Contrast Microscopy (PCM) analysis. This laboratory is currently proficient in both Proficiency Testing and PAT programs respectively.

Reservoirs Environmental, Inc. has analyzed the following samples for asbestos content as per your request. The analysis has been completed in general accordance with the appropriate methodology as stated in the attached analysis table. The results have been submitted to your office.

RES 231462-1 is the job number assigned to this study. This report is considered highly confidential and the sole property of the customer. Reservoirs Environmental, Inc. will not discuss any part of this study with personnel other than those of the client. The results described in this report only apply to the samples analyzed. This report must not be used to claim endorsement of products or analytical results by NVLAP or any agency of the U.S. Government. This report shall not be reproduced except in full, without written approval from Reservoirs Environmental, Inc. Samples will be disposed of after sixty days unless longer storage is requested. If you have any questions about this report, please feel free to call 303-964-1986.

Sincerely,

A handwritten signature in black ink, appearing to read "Jeanne Spencer Orr", is written over a horizontal line.

Jeanne Spencer Orr
President

RESERVOIRS ENVIRONMENTAL, INC.

NVLAP Lab Code 101896-0; TDH: #30-0015

TABLE I. TEM AIR FILTER SAMPLE DATA AND ANALYTICAL RESULTS

RES Job Number: RES 231462-1
 Client: R & R Environmental
 Client Project Number / P.O.: None Given
 Client Project Description: 3rd West Sub - RMP
 Date Samples Received: March 12, 2012
 Analysis Type: TEM, AHERA
 Turnaround: 24 Hour
 Date Samples Analyzed: March 13, 2012

Client ID Number	Lab ID Number	Area Analyzed (mm ²)	Air Volume Sampled (L)	Number of Asbestos Structures Detected	Analytical Sensitivity (s/cc)	Asbestos Concentration (s/cc)	Filter Loading (s/mm ²)
3W-030912 W	EM 872323	0.0900	900	2	0.0048	0.0095	22.2
3W-030912 N	EM 872324	0.1000	600	1	0.0064	0.0064	10.0
3W-030912 E	EM 872325	0.0900	900	ND	0.0048	BAS	BAS
3W-030912 S	EM 872326	0.0900	898	ND	0.0048	BAS	BAS

NA = Not Analyzed
 ND = None Detected
 BAS = Below Analytical Sensitivity
 Average Grid Opening in mm² = 0.010

Filter Material = Mixed Cellulose Ester
 Filter Diameter = 25 mm
 Effective Filter Area = 385 sq mm

Digitally signed
 by Elaine
 Elserman
 DN: CN = Elaine
 Elserman, C =
 US, O =
 Reservoirs
 Environmental,
 Inc.
 Date: 2012.03.13
 10:03:28 -0500

DATA QA

RESERVOIRS ENVIRONMENTAL, INC.

NVLAP Lab Code 101896-0; TDH: #30-0018

TABLE II. SUMMARY OF ANALYTICAL DATA

RES Job Number: RES 231462-1
 Client: R & R Environmental
 Client Project Number / P.O.: None Given
 Client Project Description: 3rd West Sub - RMP
 Date Samples Received: March 12, 2012
 Analysis Type: TEM, AHERA
 Turnaround: 24 Hour
 Date Samples Analyzed: March 13, 2012

Client ID Number	Lab ID Number	Asbestos Mineral	Asbestos Structure Types*				Structures >5 Microns in Length	**Excluded Structures	Asbestos Structures for Concentration
			Fibers	Bundles	Clusters	Matrices			
3W-030912 W	EM 872323	Chrysotile	2	0	0	0	0	0	2
3W-030912 N	EM 872324	Chrysotile	1	0	0	0	0	0	1
3W-030912 E	EM 872325	ND	0	0	0	0	0	0	0
3W-030912 S	EM 872326	ND	0	0	0	0	0	0	0

*See Analytical Procedure for definitions

**C = Excluded from total due to lack of confirmation

**L = Excluded from total for length less than 0.5 micron (AHERA only)

**A = Excluded from total due to incorrect aspect ratio

ND = None Detected

Due Date: 3.13.12
Due Time: 9:00



Reservoirs Environmental, Inc.

8801 Logan St. Denver, CO 80216 • Ph: 303.664.1886 • Fax 303.477.4275 • Toll Free 866-REI-ENV
Pager: 303-596-2999

RES 231462

INVOICE TO: (IF DIFFERENT)

CONTACT INFORMATION:

Company: <u>R2R Environmental</u>	Company:	Contact: <u>Dave Raskelley</u>	Contact:
Address: <u>47 W 9000 S UT</u>	Address:	Phone:	Phone:
<u>Sandy UT 84670</u>		Fax:	Fax:
		Cell/pager: <u>801.541-1035</u>	Cell/pager:
Project Number and/or P.O. #:		Final Date Deliverable Email Address:	
Project Description/Location: <u>318 West Sub-RMP</u>		<u>dave@reservoir.com</u>	

ASBESTOS LABORATORY HOURS: Weekdays: 7am - 5pm		REQUESTED ANALYSIS										VALID MATRIX CODES			LAB NOTES:								
PLM / PCM / TEM <u>TEM</u> RUSH (Same Day) <input checked="" type="checkbox"/> PRIORITY (Next Day) <input type="checkbox"/> STANDARD (Rush PCM = 2hr, TEM = 6hr.)		PLM - Short report, Long report, Point Count	TEM - AHERA, Level II, 7402, ISO, +/-, Quant, Semi-quant, Micro-vac, ISO-Indirect Preps	PCM - 7400A, 7400B, OSHA	DUST - Total, Respirable	METALS - Analyte(s)	RCRA 8, TCLP, Welding Fume, Metals Scan	ORGANICS - METH	Salmonella +/-	E.coli O157:H7 +/-	Listeria +/-	Aerobic Plate Count +/- or Quantification	E.coli +/- or Quantification	Coliforms +/- or Quantification	S aureus +/- or Quantification	Y & M +/- or Quantification	Mold +/- Identification, Quantification	SAMPLER'S INITIALS OR OTHER NOTES	Alr = A	Bulk = B			
CHEMISTRY LABORATORY HOURS: Weekdays: 8am - 5pm																			Dust = D	Paint = P			
Metal(s) / Dust RUSH 24 hr. 3-5 Day																		Soil = S	Wipe = W				
RCRA 8 / Metals & Welding RUSH 5 day 10 day																		Swab = SW	F = Food				
Fume Scan / TCLP																		Drinking Water = DW	Waste Water = WW				
Organica 24 hr. 3 day 5 Day																		O = Other					
MICROBIOLOGY LABORATORY HOURS: Weekdays: 9am - 6pm																		*ASTM E1782 approved wipe media only*					
E.coli O157:H7, Coliforms, S aureus 24 hr 2 Day 3-5 Day																		Sample Volume (L) / Area	Matrix Code	# Containers	Data Collected mg/daily	Time Collected h/mmm a/p	EM Number (Laboratory Use Only)
Salmonella, Listeria, E.coli, APC, Y & M 48 Hr. 3-5 Day																							
Mold RUSH 24 Hr 48 Hr 3 Day 5 Day																							
Turnaround times establish a laboratory priority, subject to laboratory volume and are not guaranteed. Additional fees apply for afterhours, weekends and holidays.																							
Special Instructions:																							
Client sample ID number (Sample ID's must be unique)																							
1	3W-030912W		X															900	A		3/09/12		872323
2	3W-030912N																	600					24
3	3W-030912E																	900					25
4	3W-030912S																	898					26
5																							
6																							
7																							
8																							
9																							
10																							

Number of samples received: 4 (Additional samples shall be listed on attached long form.)

NOTE: REI will analyze incoming samples based upon information received and will not be responsible for errors or omissions in calculations resulting from the inaccuracy of original data. By signing client/company representative agrees that submission of the following samples for requested analysis as indicated on this Client's Custody shall constitute an analytical services agreement with payment terms of NET 30 days, failure to comply with payment terms may result in a 1.5% monthly interest surcharge.

Relinquished By: <u>[Signature]</u>	Fed Ex	Date/Time: <u>3/09/12</u>	Sample Condition: On Ice Sealed Intact
Laboratory Use Only			Temp. (F°) Yes / No Yes / No Yes / No
Received By: <u>[Signature]</u>	Date/Time: <u>3.12.12</u>	Carrier: <u>Fed Ex</u>	
Results:	Contact Phone Email Fax Date Time Initials	Contact Phone Email Fax Date Time Initials	
	Contact Phone Email Fax Date Time Initials	Contact Phone Email Fax Date Time Initials	

7933 2393 3767